

~~CONFIDENTIAL~~

CARD NO.  
5090329

CODE 491	COUNTRY USSR	CODE 10	POLITICAL SUBDIVISION AND ECONOMIC REGION	
LOCATION Fergana		INDUSTRIAL CATEGORY CODES 46		
DATE/INFO	DATE/SOURCE	EVAL.	MN. & NO.	AF CHART
DA. MO. YR.	DA. MO. YR.			
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CIA NO.	AND SOURCE FDD Number 45/49		Fergana Canal	
MAJOR PRODUCT				

### Fergana Canal

Constructed in 1939 to irrigate the Fergana Valley. The first part begins at the Naryn River above Uch-Kurgan at a dam; thence it runs southward for a 45-km stretch through mountainous terrain to the Kara-Dar'ya River. The second part begins at the Kuygan-Yar weir on the left bank of the Kara-Dar'ya River and extends southwestward to the city of Kanibadam, a distance of about 226 km. The canal is reported to have been extended to Leninabad and would then have a length of 350 km.

Width: in the Naryn part it has a bottom width of 25 m;  
generally 8-10 m.

25X1

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Depth; 2-7 m; depth of the cut 4.5-12 m

Bottom: probably concrete. To prevent too great an inundation of the terrain along the left canal bank, culverts were built leading the water from the left to the right through special collectors.

Volume of flow: at the Kuygan-Yar weir about 98 cu m/sec; at Kanibadam 10-12 cu m/sec. Considerable current at Andizhen. The water level is not constant.

Irrigated area; more than 217,000 hectares.

Crossings: six railroad bridges; 40 road bridges; 14 of which are in the first part.